

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	A waterborne, low VOC, single-component, urethane modified acrylic coating
<b>Description</b>	A waterborne, low VOC, single-component, urethane modified acrylic coating with superior exterior durability, ultraviolet resistance and UV gloss retention. When applied over selected primers, the coating system meets and exceeds the coating performance requirements outlined in ANSI/ IEEE C57.12.28 for Pad-Mounted Equipment as well as ANSI/IEEE C57.12.29 for Pad-Mounted Equipment Enclosure Integrity for Coastal Environments.
<b>Color</b>	Grey (A780), Grey (9767), Brown (0251), and Green (N396) Other colors are available upon request.
<b>Gloss</b>	60° Gloss: 45° ± 5°
<b>Dry Film Thickness</b>	1 - 2 mils (25 - 51 microns) per coat
<b>Typical Uses</b>	Designed specifically for transformer and power generation applications, it is ideal for exterior applications where exterior durability, ultraviolet resistance and gloss retention is required. For pad mounted and exterior transformers it is recommended as a top coat over Strathmore 4270 Flowcoat. For optimal corrosion resistance it should be used as a top coat over one of the Strathmore 4010 Zinc Rich primers.  Please contact your Carboline representative for specific product and application recommendations.
<b>Solids Content</b>	By Volume 35% +/- 5% <b>Solids by Weight: 43% +/- 5%</b>
<b>Theoretical Coverage Rate</b>	561 ft <sup>2</sup> /gal at 1.0 mils (13.8 m <sup>2</sup> /l at 25 microns) 281 ft <sup>2</sup> /gal at 2.0 mils (6.9 m <sup>2</sup> /l at 50 microns) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : 0.09 lbs/gal (11 g/L)  These are nominal values and may vary slightly with color.

## SUBSTRATES & SURFACE PREPARATION

**General** | The surface is to be free of all loose rust,dirt, grease and other contaminants prior to application.

## APPLICATION PROCEDURES

**General** | HVLP, Conventional, Airless and Air-Assisted Airless Spray  
The surface is to be free of all loose rust,dirt, grease and other contaminants prior to application.

# Strathmore 4370 VOC Acrylic

## PRODUCT DATA SHEET



### APPLICATION CONDITIONS

Condition	Ambient	Humidity
Minimum	55°F (13°C)	20%
Maximum	90°F (32°C)	70%

Excessive humidity conditions (<20% RH and >70% RH) may affect application and drying parameters. Surface temperature must be a minimum of 5°F (3°C) above the dew point before application. Viscosity may be reduced (not normally necessary) with 5% tap water by volume; 10% by volume maximum

### CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Handle	Dry to Recoat	Dry Hard	Immersion Service
72°F (22°C)	30 Minutes	45 Minutes	1 Hour	24 Hours	7 Days

**Force Cure** | 1 hour at 200°F (93°C)

### CLEANUP & SAFETY

<b>Cleanup</b>	Tap Water
	Handling and disposal should be done in accordance to local, state and federal safety regulations. Please consult the Material Safety Data Sheets for more specific handling and disposal information.

### TESTING / CERTIFICATION / LISTING

<b>General</b>	Multiple coating systems utilizing this coating as the top coat have been tested in accordance with multiple accelerated aging tests per ASTM and ISO standards, as well as in accordance with specific ANSI and IEEE specifications. These coating systems meet or exceed the requirements of all of the testing completed.
	<b>Industry Specifications and Reference:</b> IEEE Std C57.12.28™ (IEEE Standard for Pad-Mounted Equipment – Enclosure Integrity) IEEE Std C57.12.29™ (IEEE Standard for Pad-Mounted Equipment – Enclosure Integrity for Coastal Environments) For specific test results and adherence to specific specifications, please contact your Carboline representative.

### PACKAGING, HANDLING & STORAGE

<b>Storage Temperature &amp; Humidity</b>	Product should not be stored below 45°F (7°C) and above 100°F (37°C) in sealed containers when not in use.
<b>Storage</b>	Do not allow to freeze. Do not store containers near sources of heat.
<b>Shipping Weight (Approximate)</b>	9.0-9.7 lbs/gal (1.07-1.16 kg/l)

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**WARRANTY**

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.